Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A computer system executing a trade filtering process for identifying suspect trades, the computer system executing processes comprising:

a trade monitoring process for monitoring a trade price associated with each trade of a specific stock during a trading session;

a trade comparison process, responsive to said the trade monitoring process, for comparing said the trade price of each said trade of a specific stock to a known acceptable price for that specific stock to identify which said trades are suspect trades; and

a suspect trade filtering process, responsive to said the trade comparison process, for preventing the processing of said suspect trades.

2. (Currently Amended) The computer system trade filtering process of claim 1 further comprising an acceptable price determination process for determining the value of said the known acceptable price.

3. (Currently Amended) The computer system trade filtering process of claim 2 wherein said the acceptable price determination process includes:

a known price determination process for determining a last known good price for said the specific stock being traded.

4. (Currently Amended) The computer system trade filtering process of claim 3 wherein said the acceptable price determination process includes:

a price acceptability window process for determining ~~said~~ the known acceptable price, wherein ~~said~~ the known acceptable price is an acceptable range of prices that span from a specific amount below ~~said~~ the last known good price to a specific amount above ~~said~~ the last known good price, with trades that have trade prices that do not fall within ~~said~~ the acceptable range of prices being considered suspect trades.

5. (Currently Amended) The computer system ~~trade filtering process~~ of claim 4 wherein said acceptable price determination process includes:

a last known good price adjustment process for adjusting ~~said~~ the last known good price of ~~said~~ the specific stock being traded to be equal to ~~said~~ the trade price of the last non-suspect trade.

6. (Currently Amended) The computer system ~~trade filtering process~~ of claim 4 wherein ~~said~~ the specific amount above ~~said~~ the last known good price and ~~said~~ the specific amount below ~~said~~ the last known good price are fixed dollar amounts.

7. (Currently Amended) The computer system ~~trade filtering process~~ of claim 4 wherein ~~said~~ the specific amount above ~~said~~ the last known good price and ~~said~~ the specific amount below ~~said~~ the last known good price are a percentage of the ~~said first~~ trade price associated with each trade.

8. (Currently Amended) The computer system ~~trade filtering process~~ of claim 7 wherein ~~said~~ the percentage of said last known good price is 15%.

9. (Currently Amended) The computer system ~~trade filtering process~~ of claim 3 further comprising a last known good price initiation process for adjusting ~~said~~ the last known good price of ~~said~~ the specific stock being traded to be equal to a reference value whenever ~~said~~ the stock is being traded for the first time in ~~said~~ the trading session.

10. (Currently Amended) The <u>computer system</u> ~~trade filtering process~~ of claim 9 wherein ~~said~~ <u>the</u> reference value is ~~said~~ <u>the</u> trade price of ~~said~~ <u>the</u> specific stock being traded.

11. (Currently Amended) The <u>computer system</u> ~~trade filtering process~~ of claim 9 wherein ~~said~~ <u>the</u> reference value is a previous day's closing price.

12. (Currently Amended) The <u>computer system</u> ~~trade filtering process~~ of claim 3 further comprising a suspect trade resolution process for determining if each ~~said~~ suspect trade is a bad trade.

13. (Currently Amended) The <u>computer system</u> ~~trade filtering process~~ of claim 12 wherein ~~said~~ <u>the</u> suspect trade resolution process includes:

a suspect trade repository process for storing ~~said~~ <u>the</u> trade price of said suspect trade;

a non-suspect price determination process for determining the trade price of at least a first non-suspect trade of the specific stock to occur after ~~said~~ <u>the</u> suspect trade;

a suspect trade acceptability window process for determining a suspect acceptability price range, wherein ~~said~~ <u>the</u> suspect acceptability price range spans from a specific amount below ~~said~~ <u>the</u> trade price of ~~said~~ <u>the</u> suspect trade to a specific amount above ~~said~~ <u>the</u> trade price of ~~said~~ <u>the</u> suspect trade, wherein ~~said~~ <u>the</u> suspect trade is considered a non-suspect trade if the trade price of ~~said~~ <u>the</u> at least a first non-suspect trade falls within ~~said~~ <u>the</u> suspect acceptability price range; and

a last known good price adjustment process for adjusting ~~said~~ <u>the</u> last known good price of ~~said~~ <u>the</u> specific stock being traded to be equal to ~~said~~ <u>the</u> trade price of the last non-suspect trade.

14. (Currently Amended) The <u>computer system</u> ~~trade filtering process~~ of claim 13 wherein ~~said~~ <u>the</u> at least a first non-suspect trade is one trade.

15. (Currently Amended) The <u>computer system</u> ~~trade filtering process~~ of claim 13 wherein ~~said~~ <u>the</u> at least a first non-suspect trade is three consecutive trades.

16. (Currently Amended) The <u>computer system</u> ~~trade filtering process~~ of claim 13 wherein ~~said~~ <u>the</u> specific amount above said trade price of ~~said~~ <u>the</u> suspect trade and said specific amount below said trade price of ~~said~~ <u>the</u> suspect trade are fixed dollar amounts.

17. (Currently Amended) The <u>computer system</u> ~~trade filtering process~~ of claim 13 wherein ~~said~~ <u>the</u> specific amount above ~~said~~ <u>the</u> trade price of ~~said~~ <u>the</u> suspect trade and ~~said~~ <u>the</u> specific amount below ~~said~~ <u>the</u> trade price of ~~said~~ <u>the</u> suspect trade are a percentage of ~~said~~ <u>the</u> trade price of ~~said~~ <u>the</u> suspect trade.

18. (Currently Amended) The <u>computer system</u> ~~trade filtering process~~ of claim 17 wherein said percentage of ~~said~~ <u>the</u> trade price of ~~said~~ <u>the</u> suspect trade is 5%.

19. (Currently Amended) The <u>computer system</u> ~~trade filtering process~~ of claim 1 wherein ~~said~~ <u>the</u> trade monitoring process monitors a trade volume associated with each ~~said~~ trade, ~~said~~ <u>the</u> trade filtering process further comprising:

a validity filter process for examining ~~said~~ <u>the</u> trade volume and ~~said~~ <u>the</u> trade price of each ~~said~~ <u>the</u> trade, ~~wherein said validity filter process discards~~ <u>and for discarding</u> trades whose ~~said~~ trade volume is negative, whose ~~said~~ trade volume is zero, whose ~~said~~ trade price is negative, and whose ~~said~~ trade price is zero.

20. (Currently Amended) A <u>method of</u> ~~trade filtering process for~~ preventing ~~the~~ processing of suspect trades<u>, the method executed in a computer system and the method</u> comprising:

~~a trade monitoring process for~~ monitoring a trade price associated with each trade of a specific stock during a trading session;

~~a trade comparison process, responsive to said trade monitoring process, for~~ comparing in the computer system the ~~said~~ trade price of each ~~said~~ trade of a specific stock to a known acceptable price for that specific stock, with the acceptable price being a range of prices that span from a specific amount below to a specific amount above the last known good price, to determine which ~~said~~ trades are suspect trades, which have trade prices that fall outside the acceptable range of prices;

~~a trade filtering process, responsive to said trade comparison process, for~~ preventing ~~the~~ processing of ~~said~~ the suspect trades;

~~a known price determination process for~~ determining a last known good price for a specific stock being traded; and

~~a price acceptability window process for determining said known acceptable price, wherein said known acceptable price is an acceptable range of prices which span from a specific amount below said last known good price to a specific amount above said last known good price, wherein said trades which have trade prices that do not fall within said acceptable range of prices are considered suspect trades; and~~

~~a last known good price adjustment process for~~ adjusting ~~said~~ the last known good price of ~~said~~ the specific stock being traded to be equal to ~~said~~ the trade price of the last non-suspect trade.

21. (Currently Amended) The method ~~trade filtering process~~ of claim 20 further comprising a suspect trade resolution process for determining if each said suspect trade is a bad trade.

22. (Currently Amended) The method ~~trade filtering process~~ of claim ~~19~~ 21 wherein said suspect trade resolution process includes:

a suspect trade repository process for storing said trade price of said suspect trade;

a non-suspect price determination process for determining the trade price of at least a first non-suspect trade of the specific stock to occur after said suspect trade;

a suspect trade acceptability window process for determining a suspect acceptability price range, wherein said suspect acceptability price range spans from a specific amount below said trade price of said suspect trade to a specific amount above said trade price of said suspect trade, wherein said suspect trade is considered a non-suspect trade if the trade price of said at least a first non-suspect trade falls within said suspect acceptability price range; and

a last known good price adjustment process for adjusting said last known good price of said specific stock being traded to be equal to said trade price of the last non-suspect trade.

23. (Currently Amended) A ~~trade filtering~~ method for preventing the processing of suspect trades, the method comprising:

monitoring a trade price associated with each trade of a specific stock during a trading session;

comparing the trade price of each trade of a specific stock to a known acceptable price for that specific stock to determine which trades are suspect trades; and

preventing the processing of the suspect trades.

24. (Original) The trade filtering method of claim 23 further comprising determining the value of the known acceptable price.

25. (Currently Amended) The trade filtering method of claim 24 wherein determining the value of the known acceptable price includes:

determining a last known good price for the specific stock being traded;

determining the known acceptable price, wherein the known acceptable price is an acceptable range of prices which span from a specific amount below the last known good price to a ~~specific~~ amount above the last known good price, ~~wherein~~ with those ~~the~~ trades which have

trade prices that do not fall within the acceptable range of prices ~~are~~ being considered suspect trades; and

adjusting the last known good price of the specific stock being traded to be equal to the trade price of the last non-suspect trade.

26. (Original) The trade filtering method of claim 25 further comprising adjusting the last known good price of the specific stock being traded to be equal to a reference value whenever the stock is being traded for the first time in the trading session.

27. (Original) The trade filtering method of claim 25 further comprising determining if each suspect trade is a bad trade.

28. (Currently Amended) The trade filtering method of claim 27 wherein determining if each suspect trade is a bad trade includes:

storing the trade price of the suspect trade;

determining the trade price of at least a first non-suspect trade of the specific stock to occur after the suspect trade;

determining a suspect acceptability price range, wherein the suspect acceptability price range spans from a specific amount below the trade price of the suspect trade to a specific amount above the trade price of the suspect trade, wherein the suspect trade is considered a non-suspect trade if the trade price of the at least a first non-suspect trade falls within the suspect acceptability price range; and

adjusting the last known good price of the specific stock being traded to be equal to the trade price of the last non-suspect trade.

29. (Original) The trade filtering method of claim 23 further comprising:

monitoring a trade volume associated with each trade;

examining the trade volume and trade price of each trade; and

discarding trades whose trade volume is negative, whose trade volume is zero, whose trade price is negative, and whose trade price is zero.

30. (Currently Amended) A computer program product residing on a computer readable medium having a plurality of instructions stored thereon which, when executed by the processor, cause that processor to:

monitor a trade price associated with each trade of a specific stock during a trading session;

compare the trade price of each trade of a specific stock to a known acceptable price for that specific stock to determine which trades are suspect trades; and

prevent the processing of the suspect trades.

31. (Currently Amended) The computer program product of claim 30 ~~wherein said computer readable medium is a hard drive~~ further comprising instructions to:

determine an acceptable range of prices that span from a specific amount below the last known good price to a specific amount above the last known good price, with trades that have trade prices that do not fall within the acceptable range of prices being considered suspect trades.

32. (Currently Amended) The computer program product of claim 30 ~~wherein said computer readable medium is a read only memory~~ further comprising instructions to:

adjust the last known good price of the specific stock being traded to be equal to the trade price of the last non-suspect trade.

33. (Currently Amended) The computer program product of claim 30 ~~wherein said computer readable medium is a random access memory~~ further comprising instructions to:

monitor a trade volume associated with each trade; and

examine the trade volume and the trade price of each the trade to discard those trades whose trade volume is negative, whose trade volume is zero, whose trade price is negative, and whose trade price is zero.

34. (Currently Amended) ~~A processor and memory configured to:~~

~~monitor a trade price associated with each trade of a specific stock during a trading session;~~

~~compare the trade price of each trade of a specific stock to a known acceptable price for that specific stock to determine which trades are suspect trades; and~~

~~prevent the processing of the suspect trades~~ The computer program product of claim 30 further comprising instructions to:

determine if each suspect trade is a bad trade.

35. (Currently Amended) ~~The processor and memory of claim 34 wherein said processor and memory are incorporated into a personal computer.~~ The computer program product of claim 30 wherein instructions to determine a bad trade, further comprises instructions to:

determine the trade price of a first non-suspect trade of the specific stock to occur after the suspect trade;

determine a suspect acceptability price range that spans from a specific amount below the trade price of the suspect trade to a specific amount above the trade price of the suspect trade, with the suspect trade being a non-suspect trade if the trade price of the first non-suspect trade falls within the suspect acceptability price range; and

adjust the last known good price of the specific stock being traded to be equal to the trade price of the last non-suspect trade.

Claims 36-41 are canceled.